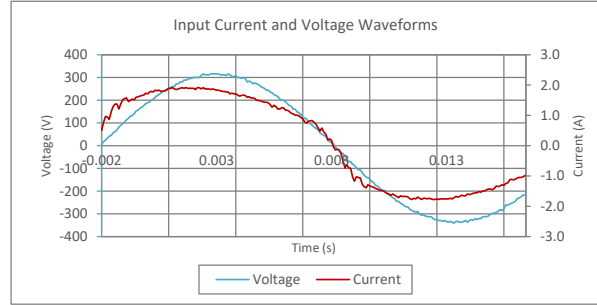


# 80 PLUS Verification and Testing Report

|                                       |               |
|---------------------------------------|---------------|
| <b>TYPICAL EFFICIENCY (50% Load):</b> | <b>87.62%</b> |
| <b>AVERAGE EFFICIENCY :</b>           | <b>86.01%</b> |
| <b>80 PLUS COMPLIANT:</b>             | <b>YES</b>    |



|                      |                |
|----------------------|----------------|
| <b>ID Number</b>     | EU-773         |
| <b>Manufacturer</b>  | PC COOLERS SRL |
| <b>Model Number</b>  | PULSAR 550W    |
| <b>Serial Number</b> | N/A            |
| <b>Year</b>          | 2020           |
| <b>Type</b>          | ATX12V         |
| <b>Test Date</b>     | 12/10/20       |

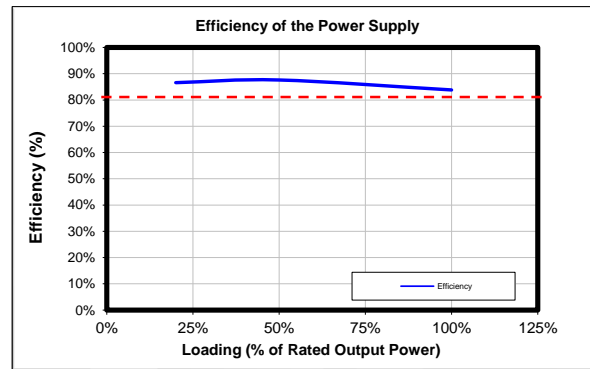
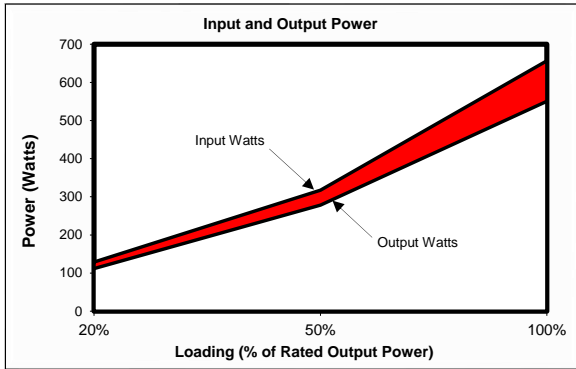


Input AC Current Waveform (ITHD = 15.36%, 50% Load)

| Rated Specifications      | Value      | Units        |
|---------------------------|------------|--------------|
| Input Voltage             | 200-240    | Volts        |
| Input Current             | 5          | Amps         |
| Input Frequency           | 50/60      | Hz           |
| <b>Rated Output Power</b> | <b>550</b> | <b>Watts</b> |

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.

| I <sub>RMS</sub> | PF   | I <sub>THD</sub> | Load | Input Watts | DC Terminal Voltage (V)/ DC Load Current (A) |            |            |           |           | Output Watts | Efficiency |
|------------------|------|------------------|------|-------------|--|------------|------------|-----------|-----------|--------------|------------|
|                  |      |                  |      |             | 12V (cumulative of 12V1, 12V2, etc.)         |            |            |           |           |              |            |
| 0.38             | 0.79 | 38.49%           | 10%  | 68.25       | 12.15/3.75                                   | 12.08/0.04 | 3.38/1.2   | 5.15/0.9  | 5.13/0.22 | 55.84        | 81.82%     |
| 0.62             | 0.91 | 7.81%            | 20%  | 128.99      | 12.14/7.5                                    | 12.05/0.09 | 3.38/2.4   | 5.13/1.79 | 5.11/0.45 | 111.70       | 86.60%     |
| 1.45             | 0.95 | 15.36%           | 50%  | 317.40      | 12.09/18.79                                  | 12.01/0.22 | 3.35/6.01  | 5.08/4.46 | 5.04/1.11 | 278.10       | 87.62%     |
| 2.90             | 0.98 | 9.17%            | 100% | 656.60      | 11.96/37.59                                  | 11.99/0.45 | 3.31/12.02 | 5.01/8.91 | 4.93/2.23 | 550.39       | 83.82%     |



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications.  
<http://www.80plus.org/>

